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# Project Charter

## Points of Contact

|  |  |  |
| --- | --- | --- |
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## Executive Summary

## Project Purpose

The main purpose of developing a SQL iAnalytix tool is to provide the users, who are mainly professional data analysts in order to analyze the pattern the exists in the data thereby helping the companies to make accurate forecasts and to take timely decisions.

CreditChex as a company gets a lot of data daily with millions of record and in order to analyze the data, they need to clean the data first. To clean millions of record in every table, in every column is humanly impossible. CreditChex needed a solution that could clean i.e. analyze millions of records within a short period of time and minimizes time taking for decision making.

Aeon, a group of four students of Institute of Business Administration made an effort and tried to develop a data profiling tool based on Visual Basic which analyzes the data that is present on SQL; named SQL iAnalytix.

SQL iAnalytix is mainly a data profiling tool which takes data from SQL, whose backend code has been developed on Visual Basic and it give users an option to select required tables, specific column in the selected table and analyze the column(s). SQL iAnalytix is currently workable with columns that have data types of integer, varchar and datetime.

## Assumptions

### Database is developed on SQL only, as SQL iAnalytix is not compatible currently to analyze data present on Oracle, Microsoft Access or any other database tool.

### User wants the reports to be generated on Microsoft Excel only.

### User does not want to safe the work i.e. any report generated by default and is therefore, given an option to define a path and safe the reports generated.

### Database has data in only three types:

#### Integer

#### VarChar

#### DateTime

### CreditChex do not need to edit the code.

## Roles and Responsibilities

|  |  |  |
| --- | --- | --- |
| ***Role*** | ***Name*** | ***Responsibilities*** |
| Program Manager | Mr. Nauman Sheikh |  |
| Project Manager | Dr. Sajjad Haider |  |
| Customer Representative | Mr. Sajid Banday |  |
| Project Team | Mr. Asad Ali | Develop software, do hard core coding in visual basic |
|  | Ms. Aisha Kudiya | Help in software development, define project scope, specify requirements and analyze risks |
|  | Mr. Sheikh Bilal Yousuf | Help in software development, make user guidance and prepare a project closeout report |
|  | Ms. Sumbul Jahan | Help in software development, develop project charter, make a work breakdown structure and manage quality of the software at all times. |